



Rajat Construction Co.

C-140, SFS Flats, Divya Jyoti Apartment, Sector-19, Rohini, New Delhi-110089

Ref No.....

Date 24-01-25

To,

President,
Talagang Co-op Group Housing
Society Ltd, Sector 13, Rohini, Delhi

Sub:- Negotiation Letter

Name of Work:- Construction of roads with interlocking
Paver blocks and construction of rainwater
drainage system i/c connection of PVC Pipes
with existing rain water pipes of all Blocks
of The Talagang Co-op Group Housing Society Ltd,
Moolbanth Apartment, Sector -13, Rohini, Delhi.

D/Sir,

With reference to above, we are ready to
reduce my/our rates from 7.50% to 9.00%
(Seven point five zero to nine) percent below
on Estimated cost of Tender.

Please accept this and award the
work.

Thanking you,

Rajat

25/1/25



(Cont)

For RAJAT CONSTRUCTION CO.

For The Talagang Co-op Group Housing Society Ltd.

President

Secretary

Treasurer

RAJAT CONSTRUCTION CO.

Rajat Rai

SPECIFICATION AND SPECIAL CONDITIONS

Name of work: Construction of roads with interlocking paver blocks and construction of rainwater drainage system including connection of PVC pipes with existing rainwater pipes of all blocks of The Talagang Co-op Group Housing Society Ltd., Neelkanth Apartment, Sector 13, Rohini, Delhi.

Scope of Work: The work under this contract shall generally consist of **"Construction of roads with interlocking paver blocks and construction of rainwater drainage system including connection of PVC pipes with existing rainwater pipes of all blocks of The Talagang Co-op Group Housing Society Ltd., Neelkanth Apartment, Sector 13, Rohini, Delhi."** The scope of work includes Construction of road with Interlocking paver blocks as per approved design and drawing of 80mm thick of grade M35 of **approved brand**, construction of side drains along the road. Providing and Laying of **approved** PVC pipe drain for disposal of rainwater of rooftop into the RWH pits, demolition of existing Cement concrete of grate 1:3:6 and richer mix, raising of existing Manholes, drains and chambers, marking of retro reflective paints for parking of vehicles. The drawing of the work can be seen in the office of The Talagang Co-op Group Housing Society Ltd., Neelkanth Apartment on all working days between 11.00 A.M. to 4.00 P.M.

SPECIAL CONDITIONS

1. The present contract will be **Percentage rate tender**.
2. The Contractor has to deposit **2,50,000/- as Earnest Money** in the form of FDR/Cheque at the time of submission of bid.
3. EMD will be returned to the first lowest bidder after deposition of Performance Guarantee of 5% of Tendered amount in shape of FDR/Bank Guarantee
4. The contractor has to submit the work experience certificate executed by him in the **similar nature of work during last 3 years**.
5. Unless otherwise specified in the Special Terms and Conditions, the work shall be carried out strictly in accordance with the printed CPWD specification-2019 Vol. I & II relevant IRC code & BIS specifications as applicable for works at Delhi with upto date correction slips issued till the date of opening of tenders and direction of Management Committee. In the event of any dispute the following shall be the order of priority to decide the issue:-
 - I. Nomenclature of item read with Special / Additional terms and conditions of the contract.







- II. Drawings.
- III. CPWD specifications 2019 Vol. I & II.
- IV. B.I.S. specification/IRC specifications.
- V. Instruction of Management Committee.
- VI. DSR 2023.

6. Before tendering the rates, the contractor shall inspect the site of work and fully acquaint himself with the existing site conditions, approaches available and its surroundings, lead involved etc. for the execution of the work, Nothing extra over and above the unit rates quoted rates by the contractor shall be payable to the contractor for any site difficulties involved in executing the work and or for making approaches required for satisfactory execution of work cost element of all such fact shall be inclusive in the quoted rates.
7. Extra/Substitute items shall be derived as per market rate minus the percentage rate quoted by the agency.
8. The overall deviation upto 20% of the tendered amount is allowed and nothing extra shall be paid on this account.
9. Timings for execution of the work will be 8am to 6pm or as decided by MC.
10. Running bills will be paid on minimum amount of 10 lakhs.
11. Contractor will deposit the GST R-1 & 3B after the payment of bill and before the next running /final bill.
12. The work to be executed under this contract shall be subjected to the decision of **Management Committee** in the regard shall be final and binding on the contractor. The contractor can not absolve himself of the responsibility during **maintenance period of 2 year after date of completion** by the competent authority. Construction of roads with interlocking paver blocks and construction of rainwater drainage system including connection of PVC pipes with existing rainwater pipes of all blocks of The Talagang Co-op Group Housing Society Ltd. Neelkanth Apartment, Sector 13, Rohini, Delhi. An amount of 5% of the tendered cost in the shape of FDR/Bank Guarantee shall be obtained from the contractor on completion of the work and will be released after successful completion of maintenance period of 2 years. , if any defect is noticed that has to be rectified by the contractor at his own cost.
13. The contractor shall have to make his own arrangement for both filtered and unfiltered water for use at the site of work at his own cost for which nothing extra shall be payable beyond his tendered rates.
14. The rates quoted by the contractor shall be inclusive of all taxes, octroi, royalty, Sales tax/GST shall be charged as per directions of Govt. of Delhi on payable amount and nothing extra shall be payable except quoted rates & no request for reimbursement shall be entertained due to fresh

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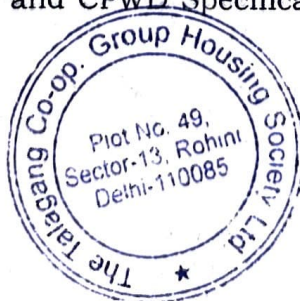


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imposing of new taxes as notified by the Govt. from time to time. Further in compliance to the directions of Labour Department, Govt. of NCT of Delhi, **one percent (1%) labour Cess of the amount of the cost approved shall be deducted from the contractor at the time of payment.**

15. The contractor shall have to plan his own work for bringing the material required by keeping in view the traffic route/restriction etc. No claim on account of such traffic restriction/route shall be entertained by the MC not any delay on account of his staff and labour remaining idle due to hindrances in the work or stoppage of work or delay caused during the progress of work due to any reasons, what so ever.
16. The contractor shall take all precautions to protect the executed work from natural causes like floods or rains or from accident. Such damages if any occurs to the executed work prior to its recorded completion, the contractor shall make good the same at his own cost irrespective of the running payment made to him. No compensation will be allowed to the contractor for his tools, plants or material lost or damaged by floods, or rains or from any other the causes viz. riots etc.
17. The contractor shall execute the work carefully and safely without any damage to any adjoining or other structure, equipment's. He shall be fully responsible for any accident/mishap at site during the execution of the work due to whatsoever reasons and the Management Committee shall not be responsible to pay anything to him on this account as compensation.
18. All the mandatory tests shall be got carried out from time to time in conformity to CPWD specifications for the materials to be used in the work. No work shall be started without conducting the required mandatory test. Testing of material shall be carried out by the contractor in reputed laboratories. Testing charges shall be borne by the contractor. All other expenditure required to be incurred for taking the sample, conveyance, packing etc. shall be borne by the contractor himself.
19. Any T&P which may be required at site for doing the work have to be arranged by the contractor at his own cost and nothing extra shall be paid on this account.
20. The contractor shall make necessary approaches to carry labour and material for satisfactory execution of work. No claim whatsoever shall be entertained by the MC on this account later on.
21. The work in general shall be executed as per the description of items, special conditions and CPWD Specifications with up-to-date correction

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slips supplemented with the following specification: -The work shall be executed and measured as per metric dimensions given in the Schedule of Quantities, drawings etc.

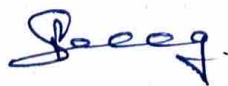
22. No compensation shall be payable to the contractor for his staff and labour remaining idle during any kind of hindrances in the work or stoppage of work or delay caused during the progress of the work due to any reason whatsoever.
23. The work shall be treated as completed only after removal of scaffoldings, rubbish, unserviceable materials and labour huts etc. from site as well as hand over to the MC. In case the contractor does not clear the site, the same shall got done by the MC at the risk and cost of contractor.
24. The MC at his discretion can get any type and numbers of tests carried out from any laboratory to his satisfaction for which all the expenses incurred shall be borne by the MC. The results so obtained from the laboratory would be binding on the agency. In case material is not found upto standard, the execution of work under such material shall not be accepted for payment.
25. Collection of materials at site for proper execution of the work as per specifications shall include all lead and lifts. The rates quoted by the contractor shall hold good, irrespective of the quarry/sources from which material are brought so long as it conforms to the specifications. Closure/change of any part as quarry/source shall not entitle the contractor to claim any review in rates.
26. The necessary precautions warning sign board, including red flags during the day and red lights during night shall be fixed/installed by the contractor to avoid any accident. He shall be responsible for any damage or accident due to negligence in the regard.
27. All the labour law issued by Govt. from time to time shall be followed by the contractor.
28. Contractor should depute Graduate/Diploma holder Engineer with **ten years of experience** for proper technical checks at all stages from start to end of project. **Graduate/Diploma holder Engineer relevant certificates should be produced by the contractor.**
29. CURING: - All works involving cement i.e., cement concrete, bricks work, cement plaster etc. shall be properly cured by keeping them constantly moist for at least a period of one week after casting or as per specification.

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30. **Cement**
- i) Contractor shall procure 43 grade OPC cement conforming to IS 8112 shall be allowed.
 - ii) The cement godown shall be provided by MC. The contractor shall be responsible for the watch and ward and safety of the cement godown.
31. **Interlocking Paver Blocks**
- Factory made precast paver block of M-35 grade to be used of approved manufacturer like **Apolo, K.K, Modern and Terrafirma** and approved quality. Minimum strength as prescribed by manufacturer and as per direction of MC for the grade specified to be tested as per method mentioned in specification of subhead cement concrete of CPWD Specification 2019
32. **PVC Pipe**
- PVC pipes to be used ISI marked of diameter 6inch, 8 inch and 10inch of Working **Pressure. 4 Kg/sqcm**
33. The special conditions to comply the directives of Hon'ble NGT and issued vide O.M. No. DG/SE/CM/CIN/Misc./02 shall also form the part of this contract and shall have to be strictly adhered by the contractor during execution of work for which no extra payment shall be admissible.
34. Further, if the lowest bidder either fails to commence or complete the work as specified in the contract, **the MC shall be at liberty to forfeit entire Performance Guarantee i.e., 5% of the tendered amount.**
35. **SITE CLEARANCE.**
- After physical completion of the work, the site shall be cleared off all the malba, construction material, tools and plants, labour huts, cement store or any other temporary construction raised by the contractor during the execution of work, at his own cost. No extra payment shall be made to the contractor for clearance of the site
- i. All the order/guideline of N.G.T. shall be strictly followed.
 - ii. Security deposit shall be released after a period of **Two-year Maintenance period.**
36. Contractor shall ensure wherever applicable that all the safeguards are adopted in accordance of the prohibition of employment as manual scavenger and their rehabilitation Act, 2013 (PEMS Act 2013) during the contract period.







37. Contractor shall ensure to comply all the directions of Hon'ble NGT issued time to time during the execution in abating the all kind of pollution at site.

President

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Secretary

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PERCENTAGE RATE TENDER AND CONTRACT FOR WORKS

Name of work: Construction of roads with interlocking paver blocks and construction of rainwater drainage system including connection of PVC pipes with existing rainwater pipes of all blocks of The Talagang Co-op Group Housing Society Ltd, Neelkanth Apartment, Sector 13, Rohini, Delhi.

Contractor eligible to participate in the tenders Up to 30/12/2024. The participating contractors are required to furnish attested photocopy of their registration documents.

The participating contractors should submit the following documents during submission of bid.

- i) Copy of Registration Certificate in respect of G.S.T. issued by concerned department.
 - ii) Copy of PAN Card.
 - iii) EMD for the work.
 - iv) Copy of ESI & EPF Registration documents.
 - v) The original EMD should be deposited with the office of The Talagang Co-op Group Housing Society Ltd., Neelkanth Apartment, Rohini, Sector-13 up to 3:00 pm up to last date of submission of bid.
 - vi) Similar work Experience executed by the agency in the last 3 years.
 - vii) Latest Complete Postal Address Along with, E-Mail Address
 - viii) The scanned copy of all documents should be submitted up to 03:00 PM up to 30/12/2024.
1. Agreement shall be drawn with the 1st lowest tenderer. Tenderer shall quote his rates as per various terms and conditions which will form part of the agreement.
 2. The time allowed for carrying out the work will be 4 Months from the award of the work to commence the work in accordance with the phasing, if any, indicated in the tender documents
 3. Earnest money amounting to Rs. 2,50,000/- in the form of banker's cheque or Demand Draft or fixed deposit receipt (drawn in favour of The Talagang Co-op Group Housing Society Ltd.) shall be submitted within the period of bid submission. The original EMD should be deposited in the office of The Talagang Co-op Group Housing Society Ltd. within the period of bid submission.
 4. The MC has the right to reject the tender, if the rates quoted by the bidders found not workable.

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5. The bid submitted shall become invalid if :-

- (i) The bidder is found ineligible.
- (ii) The bidder does not deposit original EMD along with tender.
- (iii) The bidder does not submit all required documents as above
- (iv) If any discrepancy is notice between the documents submitted at the time of submission physically by the tenderer in the office of tender opening authority.



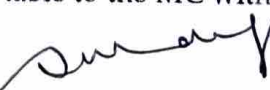
6. The tenders will be opened by the Management Committee (MC) at 15.30 Hrs. on 30/12/2024.

1. The 1st lowest bidder shall submit irrevocable Performance Guarantee @ 5% (Five percent) of the Estimated Cost within the period specified. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10000/-) or Deposit at Call receipt of any scheduled bank/ Banker's cheque of any scheduled bank/ Demand Draft of any scheduled bank or Fixed Deposit Receipts of any Scheduled Bank or the State Bank of India in accordance with the prescribed form drawn in favour of The Talagang Co-op group Housing Society Ltd.

2. The description of the work is as follows:

- (i) Schedule of Quantity/BOQ (Part A&B)
- (ii) Copies of Drawings and documents pertaining to the work(s) will be made available for inspection by the tenderers in the office of The Talagang Co-op Group Housing Society Ltd., Sector 13, Rohini, Delhi.
- (iii) The tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground, the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done with respect to local conditions and other factor having a bearing on the execution of the work.

1. (i) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the MC within 7 days after last

date of submission of bids, then the MC shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of earnest money absolutely irrespective of letter of acceptance for the work is issued or not.

(ii) If the lowest tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the MC after expiry of 7 days after last date of submission of bids, then the MC shall without prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.

2. If contractor fails to furnish the prescribed performance guarantee within the prescribed period, the earnest money is absolutely forfeited to the President automatically without any notice.
3. In case of forfeiture of earnest money as prescribed in Para (1) and (2) above, the bidder shall not be allowed to participate in the re-tendering process of the work.

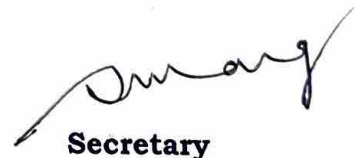
3. This Notice Inviting Tender shall form a part of the contract document. The successful tenderer / contractor, on acceptance of his tender by the Accepting Authority, shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of :-

(i) The notice inviting tender, all the documents including additional conditions, specifications and drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto;

4. All labour laws including their welfare measures have to be complied by the agency.
5. Further, if the lowest bidder either fails to commence or complete the work as specified in the NIT, the MC shall be at liberty to forfeit entire Performance Guarantee.



President



Secretary

EC (Part A&B): 1,28,82,849/-

Time Allowed: 120 Days

SCHEDULE OF QUANTITY

NAME OF WORK:- Construction of roads with interlocking paver blocks and construction of rainwater drainage system including connection of PVC pipes with existing rainwater pipes of all blocks of The Talagang Co-op Group Housing Society Ltd, Neelkanth Apartment, Sector 13, Rohini, Delhi.

PART-A (Road work)

S.NO	DSR Code	Description	Quantity	Rate	UNIT	Amount
1	2.8.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil	15.60	395.30	cum	6166.68
2	2.10.1.2	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :All kinds of soil.Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia.	130.00	362.15	Mtr	47079.50
3	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	35.10	2123.75	Cum	74543.63
4	4.1.2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand(zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	7.26	7878.50	Cum	57197.91
5	4.1.10	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:5:10 (1 cement : 5 coarse sand(zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	29.56	6518.60	Cum	192689.82
6	6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	23.94	7132.25	cum	170746.07
7	6.12.2	Half brick masonry with common burnt clay F.P.S. (non modular) bricksof class designation 7.5 in foundations and plinth in : Cement mortar 1:4 (1 cement : 4 coarse sand)	77.38	905.05	Sqm	70032.77
8	10.25.2	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	200.00	172.60	kg	34520.00
9	13.4.1	12 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand)	394.11	357.35	Sqm	140835.21
10	13.18	Neat cement punning	539.19	79.95	Sqm	43108.24

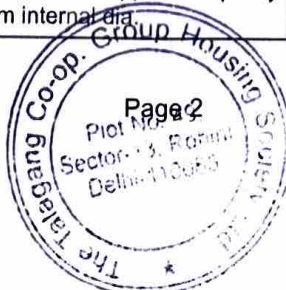
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11	13.44.1	Finishing walls with water proofing cement paint of required shade :New work (Two or more coats applied @ 3.84 kg/10 sqm)	145.05	116.90	sqm	16956.35
12	15.2.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	234.53	2434.25	Cum	570904.65
13	15.60	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved	144.35	263.95	Cum	38101.18
14	16.47.1	Painting runway/taxi track/apron marking with adequate nos of coats to give uniform finish with road marking paint of superior make as approved by the Engineer-in-charge, i/c cleaning the surface of all dirt, scales, oil, grease and other foreign material etc. and lining outcomplete. New work (Two or more coats)	380.37	188.20	sqm	71585.63
15	16.64	Providing and laying 75 mm thick compacted bed of dry brick aggregate of 40 mm thick nominal size including spreading, well ramming, consolidating and grouting with jamuna sand, including finishing smooth etc. complete as per direction of Engineer-in-charge.	407.67	199.35	Sqm	81269.01
16	16.91.2	Providing and laying factory made chamfered edge Cement Concrete paver blocks In foot path, park & lawns driveway or light & traffic parking etc. of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of course sand, compacting and proper embedding/ laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand, all complete as per manufacturer's specifications & direction of Engineer in-Charge. 80mm thick Cement concrete paver block of M-30 grade with approved colour, design & pattern	7081.07	1091.50	Sqm	7728987.91
17	AR on 16.93	Providing and placing in position 50 mm thick factory made machine batched & machine mixed Precast RCC Rectangular Covers on drains of footpath of various sizes, of M-25 grade cement concrete for RCC work, including cost of centering, shuttering, reinforcement of 8 mm dia TMT bars of Fe 500 grade @ maximum 100mm c/c on both ways , neat cement punning on finished surface, properly encased on all edges with 1.6 mm thick , 100 mm wide MS sheet duly painted over priming coat , reinforcement to be welded at edges with MS sheet and providing 2 Nos. 12 mm dia bar for hooks etc i/c cost of cartage, all leads & lift, handling at site etc. all complete as per direction of Engineer-in-Charge.	19.34	2525.90	Sqm	48850.91
18	18.9.9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge : External work. 100mm nominal inner dia. Pipes.	260.00	3271.70	each	850642.00
19	19.19.4.1	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality. EHD - 35. Circular shape 560 mm internal dia.	16.00	2123.80	each	33980.80

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Summary

20	19.26.1	Raising manhole cover and frame slab to required level including dismantling existing slab and making good the damage as required (Raising depth of manhole to be paid separately) : Rectangular manhole 90x80 cm with rectangular cover 600x450 mm of grade LD - 2.5	35.00	2625.50	each	91892.50
21	19.26.3	Raising manhole cover and frame slab to required level including dismantling existing slab and making good the damage as required (Raising depth of manhole to be paid separately) : Rectangular manhole 120x90 cm with circular cover 560 mm dia of grade HD - 20	16.00	3881.50	each	62104.00
22	19.27.1	Constructing brick masonry road gully chamber 50x45x60 cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) including 500x450 mm pre-cast R.C.C. horizontal grating with frame complete as per standard design : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	26.00	5957.90	each	154905.40
(PART-A)Total Rs.						10587100.17

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PART-B (RWH Drainage Work)

S.N O	DSR Code	Description	Quantity	Rate	UNIT	Amount
1	2.8.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil	821.67	395.30	cum	324806.15
2	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m	776.44	196.00	cum	152182.00
3	4.1.2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand(zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	2.00	7878.50	Cum	15757.00
4	4.1.10	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:5:10 (1 cement : 5 coarse sand(zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	76.29	6518.60	Cum	497303.99
5	6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	10.00	7132.25	cum	71322.50
6	10.25.2	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	100.00	172.60	kg	17260.00
7	13.4.1	12 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand)	50.00	357.35	Sqm	17867.50
8	15.6	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved	197.81	263.95	Cum	52211.95
9	18.9.10 AR	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge : External work 150 mm nominal inner dia Pipes	450.00	380	Metre	171000.00
10	AR	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge : External work 200 mm nominal inner dia Pipes	500.00	560	Metre	280000.00
11	AR	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge : External work 250 mm nominal inner dia Pipes	263.00	850	Metre	223550.00

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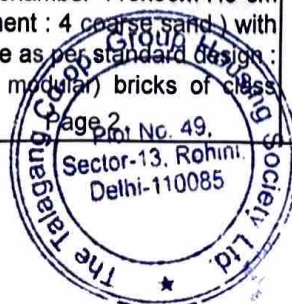
12	19.4.1.1	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design -100x100 mm size P type	73.00	2707.65	each	197658.00
13	19.27.1	Constructing brick masonry road gully chamber 50x45x60 cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) including 500x450 mm pre-cast R.C.C. horizontal grating with frame complete as per standard design : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	23.00	5957.90	Each	137031.70
14	19.28.1	Constructing brick masonry road gully chamber 45x45x77.5 cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) with pre-cast R.C.C. vertical grating complete as per standard design : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	20.00	6889.90	Each	137798.00
(PART-B) Total Rs.						2295748.79
(Part A+B)Grand Total Rs. 1,28,82,849/-						
Rupees: (One Crore Twenty Eight Lakhs Eighty Two Thousand Eight Hundred Forty Nine only)						
Percentage Rate Quoted:- _____						

Beeg



Suraj

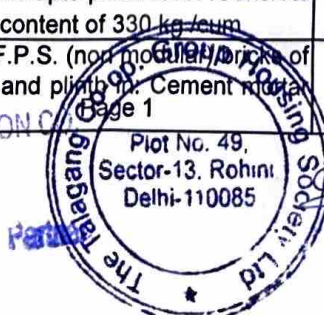
13	12.42.3.2	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Single tee with door 110x110x110 mm	4.00	234.15	Each	936.60
14	12.42.5.2	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Bend 87.5° 110 mm	38.00	150.35	Each	5713.30
15	13.4.1	12 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand)	245.13	357.35	Sqm	87597.21
16	15.2.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	67.50	2434.25	Cum	164311.88
17	15.7.4	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	20.00	2060.20	Cum	41204.00
	15.60	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	87.50	263.95	Cum	23095.63
19	18.9.9 AR	Providing and fixing Polyvinyl Chloride (PVC) pipes to be used ISI marked of working pressure 4Kg / SqCm. This includes jointing of pipes & fittings with one step PVC solvent cement, testing of joints complete as per direction of M.C. : External work .100 mm nominal inner dia pipes.	750.00	263.05	Metre	197287.50
20	AR	Providing and fixing Polyvinyl Chloride (PVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge : External work .200 mm nominal inner dia pipes.	1.80	560.00	Metre	1008.00
21	19.16	Providing orange colour safety foot rest of minimum 6 mm thick plastic encapsulated as per IS : 10910, on 12 mm dia steel bar conforming to IS: 1786, having minimum cross section as 23 mmx25 mm and over all minimum length 263 mm and width as 165 mm with minimum 112 mm space between protruded legs having 2 mm tread on top surface by ribbing or chequering besides necessary and adequate anchoring projections on tail length on 138 mm as per standard drawing and suitable to with stand the bend test and chemical resistance test as per specifications and having manufacture's permanent identification mark to be visible even after fixing, including fixing in manholes with 30x20x15 cm cement concrete block 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) complete as per design.	66.00	553.70	Each	36544.20
22	19.19.4.1	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality.EHD - 35.Circular shape 560 mm internal diameter	6.00	2123.80	Each	12742.80
23	19.29.1	Constructing brick masonry road gully chamber 110x50x77.5 cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) with pre-cast R.C.C. vertical grating complete as per standard design : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	13.00	11520.55	Each	149767.15



NAME OF WORK:- PROVIDING WATER HARVESTING SYSTEM(REMAINING WORK)AT NEELKANTH APPARTMET Sec 13 Rohini.

S.NO	DSR Code	Description	Quantity	Rate	UNIT	Amount
1	2.6.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth, lead upto 50m and lift upto 1.5m, as directed by Engineer-in-charge. All kinds of soil	733.17	177.50	cum	130137.68
2	2.8.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	156.83	260.30	cum	40822.85
3	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	544.46	196.00	cum	106714.16
4	2.26.1	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials. All kinds of soil	544.14	126.80	cum	68996.95
	4.1.3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand(zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	25.00	7878.50	Cum	196962.50
6	4.1.10	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:5:10 (1 cement : 5 coarse sand(zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	23.21	6518.60	Cum	151296.71
7	5.9.1	Centring and shuttering including strutting, propping etc. and removal of form for. Foundations, footings, bases of columns etc. for mass concrete.	54.44	392.15	sqm	21348.65
8	5.9.2	Centring and shuttering including strutting, propping etc. and removal of form for. Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	413.60	842.50	sqm	348458.00
9	5.9.3	Centring and shuttering including strutting, propping etc. and removal of form for. Suspended floors, roofs, landings, balconies and access platform.	55.00	927.25	sqm	50998.75
10	5.22.6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo -Mechanically Treated Bars of grade Fe-500 or more.	9485.94	107.65	Kg	1021161.44
11	5.33.1	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. All works upto plinth level .Concrete of M25 grade with minimum cement content of 330 kg /cum	80.56	9504.75	Cum	765702.66
12	6/1/01	Brick work with common burnt clay F.P.S. (normal bricks) of class designation 7.5 in foundation and plinth up to 1.4 (1 cement : 4 coarse sand)	27.82	9344.35	cum	259959.82

For RAJAT CONSTRUCTION Co.



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24	2.16.3	Close timbering in trenches including strutting, shoring and packing cavities (wherever required) complete. (Measurements to be taken of the face area timbered). Depth exceeding 3 m but not exceeding 4.5 m	305.10	189.65	sqm	57862.22
25	2.24.1	Extra rates for quantities of works, executed in or under water and/or liquid mud, including pumping out water as required.	5.38	20%	mtr depth	701.40
26	26.36.1	Providing, erecting, maintaining and removing temporary protective screens made out of specified fabric with all necessary fixing arrangement to ensure that it remains in position for the work duration as required by the Engineer-in-charge. Woven PVC cloth	432.00	54.25	sqm	23436.00
27	13.18	Neat cement punning	120.00	79.95	sqm	9594.00
Total Rs						3882768

I am ready to execute the above extra items at 9% below the Estimated rate.

For RAJAT CONSTRUCTION CO.

Jagat Rai

Partner

Baag.

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